

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I, Leslie Lindsay, hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office, (703) 305-3014 on the date of my signature.

On: January 23, 2003Leslie Lindsay**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Eric Henderson et al. **Docket No.:** 016348-9009
Serial No.: 09/574,519 **Group Art Unit:** 1637
Filed: May 18, 2000 **Examiner:** J. Fredman
Confirmation No: 8198
FOR: METHOD AND APPARATUS FOR SOLID STATE MOLECULAR ANALYSIS

REQUEST FOR RECONSIDERATION UNDER 37 C.F.R. 1.111

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In the matter of the above-identified application, and in response to the Office communication mailed December 13, 2002, Applicants respectfully request entry of the amendment, reconsideration on the merits, and allowance of the claims.

AMENDMENT

Please replace claims 56, 63, 65, and 67-73 with the following claims:

56. A molecular array for characterizing molecular interaction events, comprising:

- (a) a substrate; and
- (b) at least one discrete molecular deposition domain on said substrate wherein the spatial address of the domain is less than one micron squared in area and each domain includes a biomolecule deposited on the substrate at a pre-selected location.

66. The molecular array of claim 56, wherein the substrate is modified by one or more of the group consisting of gold, an amino group, a carboxyl group, and polymers.